Manhole Inspection Summary M			anhole # S27S007MH			
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Inspection	☐ Is Incomplete	Rating: 4) Poor				
Record Plat: 27	7S Node: 007	Status: Found		Insp Date: 4/29/08 10:46 AM		
Incomplete Cor	Incomplete Comments			Crew: FW,EH,DH		
				Inspector: wjenkins Firm: PER		
				I IIII. F LK		
Location	Address: 1611 Ridg	jely		Cross Street: Bush st		
Manhole	Type: Inline	Location: Roadway		Ground Conditions: Dry		
	Prev. Rehab	Weather: Dry	\$	Subject To Ponding: None		
Comments						
Cover	Shape: Circular	Diameter: 25. 5	(in.) Leng	th: 0 (in.) Dist A/B Grade: 0 (in.)		
	Type: Sanitary	Condition: Sour	nd	Cover Material: Cast Iron		
Properties:	☐ Bolted ✓ Vent	ed	Water T	ight Insert		
Frame	Offset: 1.5 (in.)	Condition: Sound	Crac	ked <u>V</u> Leaks		
Chimney / Frame Adjustment Exists Material: Brick Parged Height: 16 (in.)						
Condition: ☐ Sound ☑ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated						
Infiltration:	n: ☑ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall					
Corbel	Material: Brick Parged Type: Concentric/Eccentric					
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated					
Infiltration:	✓ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall					
Barrel	Material: Brick	☐ Parge	ed			
Shape:	Circular Di	ameter: 42 (in.) Leng	th: 0 (in.))		
Condition:	☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ✓ Deteriorated					
Infiltration:	☐ None ☐ Joint	☐ Cracks ☐ Morta	ar □Ro	ots 🗸 Wall		
Bench	✓ Exists Material:	Brick	☐ Parge	d		
Condition:	✓ Sound ☐ Crack	ed Root Intrusion	□ Deteri	orated Leaks Debris		
Channel	Material: Brick	☐ Parge	ed			
Channel E	xposure: Fully Open	Junc Dist: 0	nearest	.5 ft. Azimuth: 0		
Condition:	✓ Sound ☐ Crack	ed Root Intrusion	Deteri	orated Leaks Debris		
Steps	Count: 7 Missing	: 0				
Surcharge	✓ Evidence Of Sui	rcharge Depth: 5 (f	ft.) 🗌 Acti	ve Surcharge Present		

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Location View



Cover View



Defect 2



surcharge evidence on steps

Top View



Defect 8



Barrel Deterioration, infiltration in barrel

Defect 4



deteriated rungs dripping patch infiltration in barrel

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Defect 3



rusted rungs

Defect



Defect 1

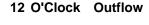


offset at chimney, cracks in chimney

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39 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 38.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 14.93 (ft.) Flow Characteristics: Turbulent

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **Dripper** Pipe Seal Cond: **Unknown**

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 OClock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 8.93 (ft.) Flow Characteristics: Slow

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

3 O'Clock Inflow Drop In @ 3 OClock



Drop: Inside Rod and Bar

Angled: **Yes** Reading: **11.71** (ft.)

Inv Depth: 12.71 (ft.)

Drop Condition: **Open**

Connects To: House connection / Service

line

Possible Illicit Connection

Manhole # S27S__007MH

6 O'Clock Inflow

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39 in. Circular Gravity Sewer Pipe In @ 6 OClock



Pipe Height: **38.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined

Invert Depth: 14.96 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 9 OClock





Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 12.41 (ft.) Flow Characteristics: Slow

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: Evidence Pipe Seal Cond: Unknown

Drop: None		

Connects To: House connection / Service

line

Possible Illicit Connection